

M28840 90° Metal Core Conduit Backshell

NS Series • MIL-DTL-28840 Type Connectors



NSC4 - 010 W

- 1

2

3
- 1

BASIC PART NUMBER
NSC4 90° EMI/non-environmental backshell
(plain conduit)
NSC7 90° EMI/environmental backshell
(jacketed conduit)
- 2

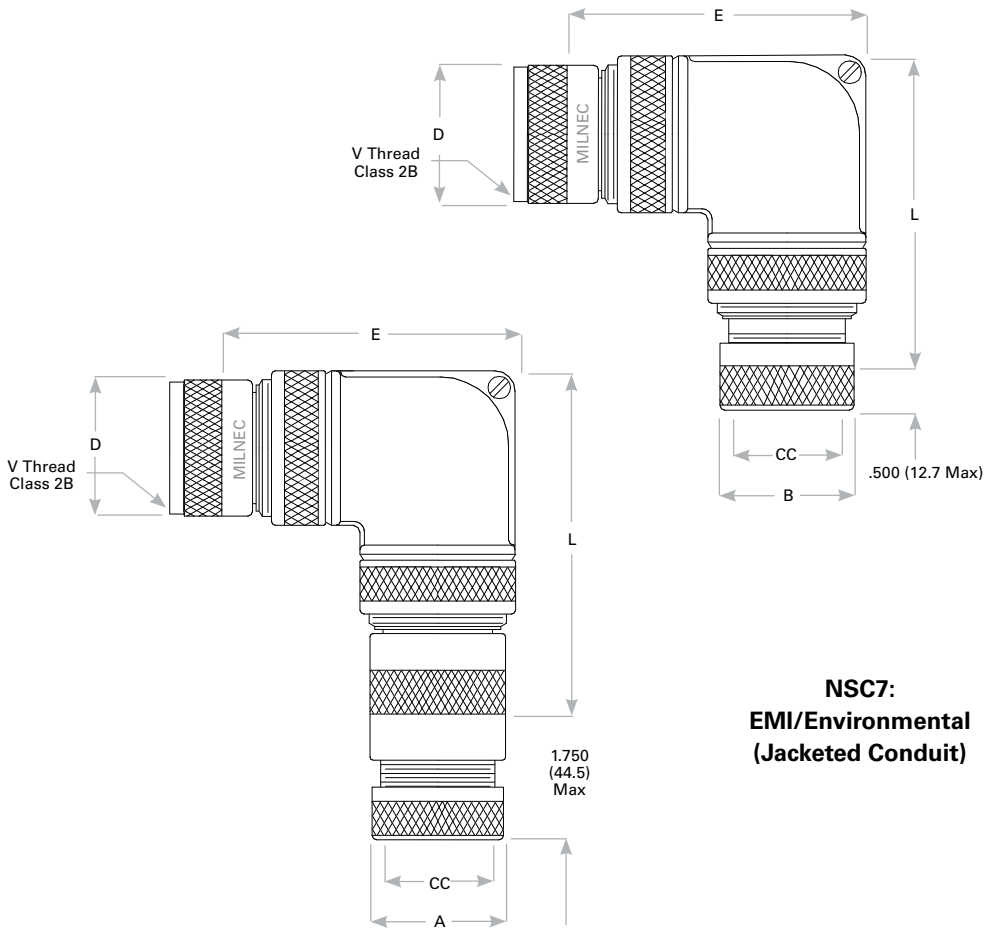
DASH NO.
See Backshell Dimensions table
- 3

MATERIAL & FINISH
W Aluminum, olive drab cadmium
D Stainless steel, black cadmium plate

Note: See part builder (p. Z-7) for additional kit options.

NSC4 & NSC7 Compatibility

Compatible Brands	Connectors
MIL-DTL-28840	M28840/10, M28840/11, M28840/14, M28840/16



NSC4:
EMI/Non-Environmental
(Plain Conduit)

NSC7:
EMI/Environmental
(Jacketed Conduit)

(Continued on next page)

Rev. 1825

M28840 90° Metal Core Conduit Backshell

NS Series • MIL-DTL-28840 Type Connectors

Backshell Dimensions (Continued from previous page)

Dash No.	Shell Size	Military Shell Size	V Thread Class 2B	E Max	L Max	D Max	B Max	A Max	CC Cable Clearance	
									Min	Max
001	11	A	.750-20 UNEF	2.358 (59.9)	3.654 (92.8)	1.028 (26.11)	1.122 (28.5)	1.190 (30.2)	.500 (12.7)	.630 (16.0)
002	11	A	.750-20 UNEF	2.358 (59.9)	3.654 (92.8)	1.028 (26.11)	1.252 (31.8)	1.382 (35.1)	.630 (16.0)	.752 (19.1)
003	13	B	.875-20 UNEF	2.358 (59.9)	3.654 (92.8)	1.141 (28.98)	1.122 (28.5)	1.190 (30.2)	.500 (12.7)	.630 (16.0)
004	13	B	.875-20 UNEF	2.358 (59.9)	3.654 (92.8)	1.141 (28.98)	1.252 (31.8)	1.382 (35.1)	.630 (16.0)	.752 (19.1)
005	15	C	1.000-20 UNEF	2.559 (65.0)	3.854 (97.9)	1.263 (32.08)	1.122 (28.5)	1.390 (35.3)	.500 (12.7)	.630 (16.0)
006	15	C	1.000-20 UNEF	2.559 (65.0)	3.854 (97.9)	1.263 (32.08)	1.252 (31.8)	1.382 (35.1)	.630 (16.0)	.752 (19.1)
007	15	C	1.000-20 UNEF	2.559 (65.0)	3.854 (97.9)	1.263 (32.08)	1.429 (36.3)	1.630 (41.4)	.752 (19.1)	.882 (22.4)
008	15	C	1.000-20 UNEF	2.669 (67.8)	3.976 (101.0)	1.263 (32.08)	1.622 (41.2)	1.941 (49.3)	.882 (22.4)	1.000 (25.4)
009	17	D	1.125-18 UNEF	2.669 (67.8)	3.976 (101.0)	1.387 (35.23)	1.429 (36.3)	1.630 (41.4)	.752 (19.1)	.882 (22.4)
010	17	D	1.125-18 UNEF	2.669 (67.8)	3.976 (101.0)	1.387 (35.23)	1.622 (41.2)	1.941 (49.3)	.882 (22.4)	1.000 (25.4)
011	17	D	1.125-18 UNEF	2.669 (67.8)	3.976 (101.0)	1.387 (35.23)	1.811 (46.0)	2.189 (55.6)	1.189 (30.2)	1.382 (35.1)
012	19	E	1.250-18 UNEF	2.669 (67.8)	3.976 (101.0)	1.513 (38.43)	1.429 (36.3)	1.630 (41.4)	.752 (19.1)	.882 (22.4)
013	19	E	1.250-18 UNEF	2.669 (67.8)	3.976 (101.0)	1.513 (38.43)	1.622 (41.2)	1.941 (49.3)	.882 (22.4)	1.000 (25.4)
014	19	E	1.250-18 UNEF	3.051 (77.5)	4.374 (111.1)	5.043 (128.1)	1.811 (46.0)	2.189 (55.6)	1.189 (30.2)	1.382 (35.1)
015	23	F	1.438-18 UNEF	3.051 (77.5)	4.374 (111.1)	1.703 (45.51)	1.622 (41.2)	1.941 (49.3)	.882 (22.4)	1.000 (25.4)
016	23	F	1.438-18 UNEF	3.051 (77.5)	4.374 (111.1)	1.703 (45.51)	1.811 (46.0)	2.189 (55.6)	1.189 (30.2)	1.382 (35.1)
017	23	F	1.438-18 UNEF	3.051 (77.5)	4.374 (111.1)	1.703 (45.51)	2.181 (55.4)	2.441 (62.0)	1.441 (36.6)	1.630 (41.4)
018	25	G	1.562-18 UNEF	3.051 (77.5)	4.374 (111.1)	1.825 (46.35)	1.622 (41.2)	1.941 (49.3)	.882 (22.4)	1.000 (25.4)
019	25	G	1.562-18 UNEF	3.051 (77.5)	4.374 (111.1)	1.825 (46.35)	1.811 (46.0)	2.189 (55.6)	1.189 (30.2)	1.382 (35.1)
020	25	G	1.562-18 UNEF	3.051 (77.5)	4.374 (111.1)	1.825 (46.35)	2.181 (55.4)	2.441 (62.0)	1.441 (36.6)	1.630 (41.4)
021	25	G	1.562-18 UNEF	3.331 (84.6)	4.701 (119.4)	1.825 (46.35)	2.559 (65.0)	2.697 (68.5)	1.630 (41.4)	1.882 (47.8)
022	29	H	1.875-16 UNS	3.331 (84.6)	4.701 (119.4)	2.143 (54.43)	2.181 (55.4)	2.189 (55.6)	1.441 (36.6)	1.630 (41.4)
023	29	H	1.875-16 UNS	3.331 (84.6)	4.701 (119.4)	2.143 (54.43)	2.559 (65.0)	2.441 (62.0)	1.630 (41.4)	1.882 (47.8)
024	33	J	2.062-16 UNS	3.701 (94.0)	5.043 (128.1)	2.329 (59.16)	2.559 (65.0)	2.697 (68.5)	1.630 (41.4)	1.882 (47.8)
025	33	J	2.062-16 UNS	3.701 (94.0)	5.043 (128.1)	2.329 (59.16)	3.063 (77.8)	3.189 (81.0)	2.130 (54.1)	2.382 (60.5)

Dimensions are in inches (mm).